

**FACULTY OF COMPUTER APPLICATIONS**  
**A.M. PATEL INSTITUTE OF COMPUTER STUDIES**  
**MASTER OF COMPUTER APPLICATIONS (M.C.A.)**

**Syllabus Details**

**Effective Year 2016-2017**

<b>Program</b>	: M.C.A.	<b>Semester</b>	: III
<b>Total Course</b>	: 6	<b>Total Regular Course</b>	: 3
<b>Total Elective Course</b>	: 3	<b>Total Open Course</b>	: 0
<b>Total Audit Course</b>	: 0		

#	CourseCode	Course Title	Teaching Scheme				Examination Scheme				
			CREDIT			TOTAL HOURS	TH		PR		TOTAL
			TH	PR/TW	TOTAL		Internal	External	Internal	External	
1	P13A1GUI1	GUI PROGRAMMING-I	3.00	2.00	5.00	7.00	0/40	0/60	0/20	0/30	150
2	P13A2JP1	JAVA PROGRAMMING-I	3.00	2.00	5.00	7.00	0/40	0/60	0/20	0/30	150
3		ELECTIVE SUBJECT - 1 (ELECTIVE - I_15)	2.00	2.00	4.00	6.00	0/40	0/60	0/20	0/30	150
4	P13A4SE	SOFTWARE ENGINEERING	3.00	0.00	3.00	3.00	0/40	0/60	-	-	100
5		ELECTIVE SUBJECT - 1 (ELECTIVE -II_15)	4.00	0.00	4.00	4.00	0/40	0/60	-	-	100
6		ELECTIVE SUBJECT - 1 (ELECTIVE-III_16)	3.00	0.00	3.00	3.00	0/40	0/60	-	-	100
			<b>18.00</b>	<b>6.00</b>	<b>24.00</b>	<b>30.00</b>					<b>750</b>

**List of Elective Subjects**

Group Name	Course Code	Name of Course
ELECTIVE - I_15	P13A3WD2	WEB DESIGNING – II
	P13A3NET	NETWORKING
ELECTIVE -II_15	P13A5COM	COMPUTER BASED OPTIMIZATION MODELS
	P13A5QAL	QUANTITATIVE APTITUDE AND LOGICAL REASONING
ELECTIVE-III_16	P13B6ACS	ADVANCED COMMUNICATION SKILLS
	P13B6CDP	CAREER & PERSONALITY DEVELOPMENT

**Examination Grade Range & Value**

Marks/Perc. Range	Grade (Regular)	Grade Point (Regular)	Grade (Remedial)	Grade Point (Remedial)
90>=	A+	10	A	9
80 To 89	A	9	B+	8
70 To 79	B+	8	B	7
60 To 69	B	7	C+	6
50 To 59	C+	6	C	5
40 To 49	C	5	C	5
<40	F	0	F	0